

Abstract

An apparatus for preventing media deposition in predetermined locations comprising at least one blocking cap connected to a pressurized squeegee head is disclosed. In one embodiment, a method for partially printing a circuit board is disclosed. The method comprises inserting one or more blocking caps inside a pressurized squeegee head and printing with the pressurized squeegee head. In this way, defined areas on the surface of a stencil or screen, over which the blocking caps travel, are skipped. In another embodiment, a new method for manufacturing printed circuit boards is described, comprising placing a component on a circuit board, performing burn-in or testing of the component, partially printing attachment media on the circuit board with a pressurized squeegee head containing one or more blocking caps, and placing additional components on the circuit board. In one embodiment, the circuit board is sold or returned to the circuit board designer before performing the partial printing step.

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